

## COMPONENTS

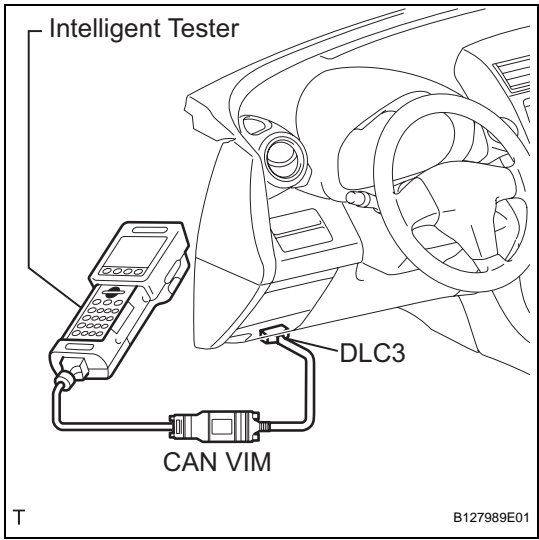
ES



## ACCELERATOR PEDAL POSITION SENSOR CONNECTOR

5.4 (55, 48 in.\*lbf)

**N\*m (kgf\*cm, ft.\*lbf)** : Specified torque



## ON-VEHICLE INSPECTION

### 1. CHECK ACCELERATOR PEDAL ROD

- (a) Check the voltage.
  - (1) Connect the intelligent tester to the DLC3.
  - (2) Turn the ignition switch ON.
  - (3) Turn the intelligent tester ON.
  - (4) Select the menu items: DIAGNOSIS / ENHANCED OBD II / DATA LIST / ALL / ACCEL POS #1, ACCEL POS #2.
  - (5) Operate the accelerator pedal, and then check that the ACCEL POS #1 and ACCEL POS #2 values are within the specifications.

#### Standard voltage (ACCEL POS #1)

Accelerator Pedal Condition	Specified Condition
Released	0.5 to 1.1 V
Depressed	2.5 to 4.5 V

#### Standard voltage (ACCEL POS #2)

Accelerator Pedal Condition	Specified Condition
Released	1.2 to 2.0 V
Depressed	3.4 to 5.0 V

If the result is not as specified, check the accelerator pedal rod, wire harness or ECM.

## REMOVAL

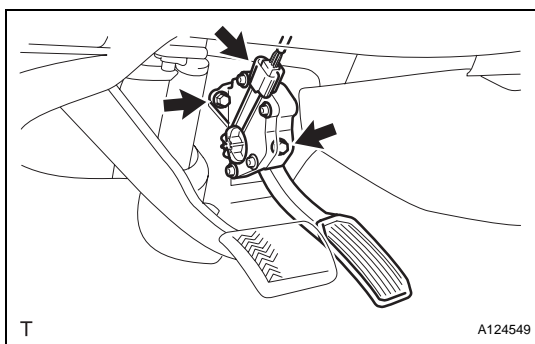
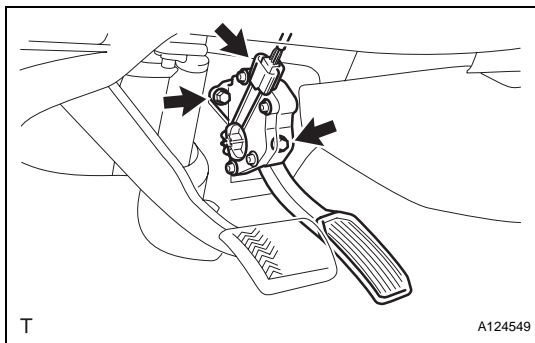
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

**CAUTION:**

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE ACCELERATOR PEDAL ROD**

- (a) Disconnect the accelerator pedal position sensor connector.
- (b) Remove the 2 bolts and accelerator pedal rod.



## INSTALLATION

1. **INSTALL ACCELERATOR PEDAL ROD**

- (a) Install the accelerator pedal rod with the 2 bolts.  
**Torque: 5.4 N\*m (55 kgf\*cm, 48 in.\*lbf)**
- (b) Connect the accelerator pedal position sensor connector.

2. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**